

REGISTERED MAIL
RETURN RECEIPT REQUESTED

JUN 23 1993

June 22, 1993

Ms. Sharon K. Cihak
Toxic and Health Hazard Specialist
Guilford County Emergency Services
1002 Meadowood Road
Greensboro, NC 27409

SUBJECT: Southeast Airport
U.S.T. Closure

Dear Ms. Cihak:

Guilford County Emergency Services has received a complete copy of Four Seasons Industrial Services, Inc., "UST Closure Report, Southeast Airport, 6328 Monnett Road, Guilford County, Climax, North Carolina", dated April 27, 1993.

Appendix B, Page 2 of 3, third paragraph, second sentence states "An estimated 40 cubic yards of petroleum contaminated soil was handled in this manner". The actual volume was measured and is calculated to be about 13.5 cubic yards.

This small amount of gasoline contaminated soil was removed from directly under the fuel island. NO OTHER EXCAVATED AREAS WERE CONTAMINATED.

The gasoline contaminated soil started at about 5 feet below grade, and extended to about 12 feet below grade.

- a. "Report". Appendix B, page 2 of 3, Table shows 632 MG/KG at 5 feet depth.
- b. "Report", Appendix B, page 3 of 3, Table shows 273 MG/KG at 12 feet depth.

$$\begin{aligned}\text{Average} &= \frac{632 + 273}{2} \\ &= 452/5 \text{ MG/KG} \\ &= 452.5 \text{ LB}/10^6 \text{ LB}\end{aligned}$$

Assume soil at 156 LB/CF

Amount of gasoline

$$= \frac{13.5 * 27 * 156 * 452.5}{1,000,000}$$

$$= 25.7 \text{ LBS. (gas in contaminated soil)}$$

Aviation gasoline weighs 6 LBS/GAL. Therefore,

$$\frac{25.7}{6} = 4.3 \text{ gallons of gas in contaminated soil.}$$

It is estimated that the amount of gasoline remaining in the existing area is less than 4.3 gallons, and that the amount of gasoline contaminated soil is less than the already excavated 13.5 cubic yards of soil.

Based on the preceding, we propose to do the following in sequence:

1. Prepare and submit a Site Sensitivity Evaluation July 16, 1993
- 2A. If SSE indicates no additional remedial work needed;
 - a. Submit permit application to spread existing 13.5 cy contaminated soil July 30, 1993
 - b. Spread contaminated soil 7 days after State approval.
- 2B. If SSE indicates additional remedial work is needed;
 - a. Excavate and document July 30, 1993
 - b. Submit permit application to spread existing plus additional contaminated soil August 6, 1993
 - c. Spread contaminated soil 7 days after State approval.
3. Prepare and submit final closure forms for State and County approval. 14 days after spreading

The above dates and deadlines will be modified by an amount of time equal to the time required by County and/or State respective

W & A : WEA,PA

TEL:1-919-547-8064

Jun 22,93

8:47 No.003 P.01

The above dates and deadlines will be modified by an amount of time equal to the time required by County and/or State respective response.

We are proceeding with above sequential work. Please advise of your comments, suggestions, and requirements. Your response will be appreciated.

Very truly yours,
SOUTHEAST AIRPORT

A handwritten signature in cursive script that reads "Helen W. Williams".

Helen W. Williams